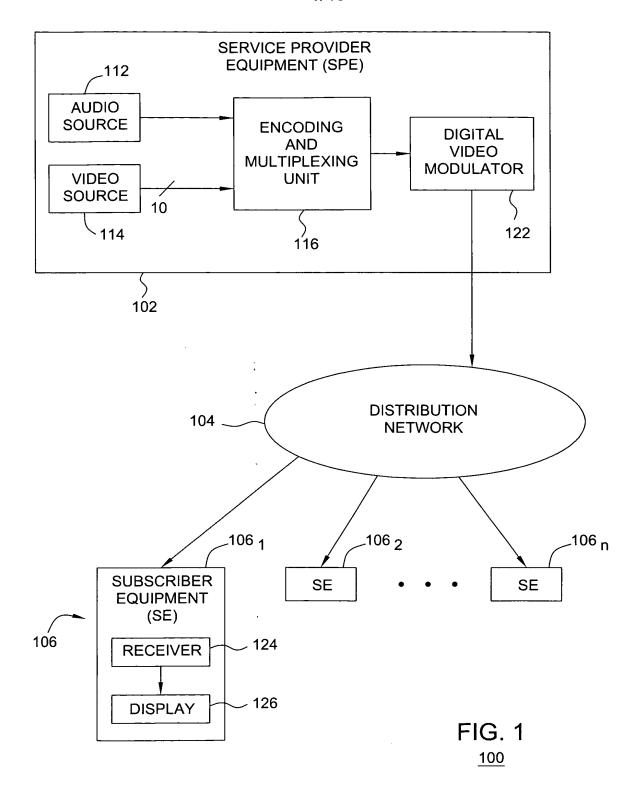


1/48

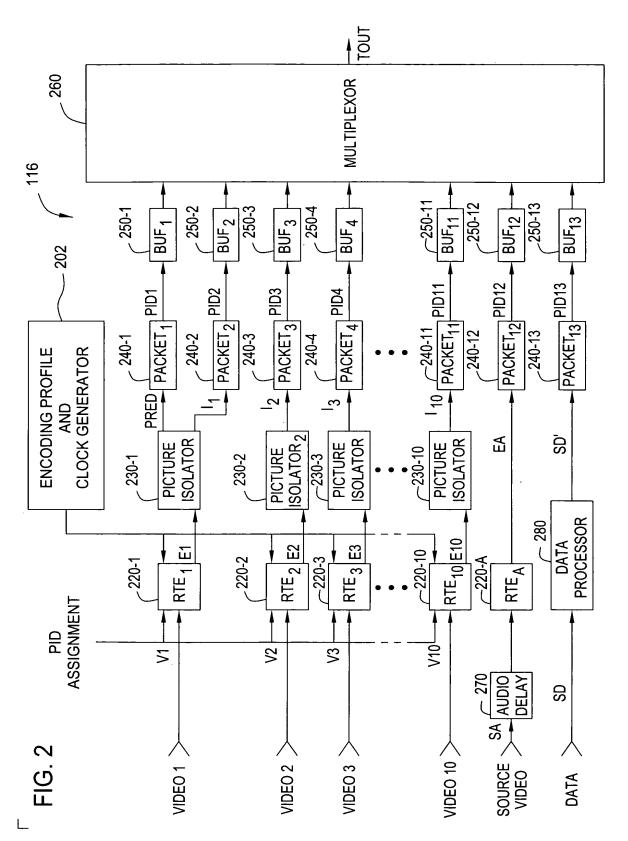


 $\Box$ 



2/48

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#### DONALD F. GORDON ET AL. SER. NO. 09/468,173 FILED 12/10/99

ATTORNEY: EAMON J. WALL TEL. (732) 530-9404

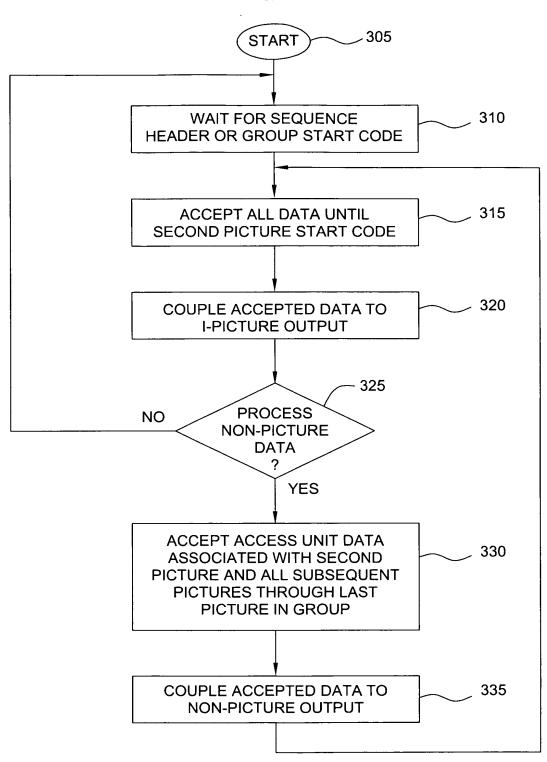
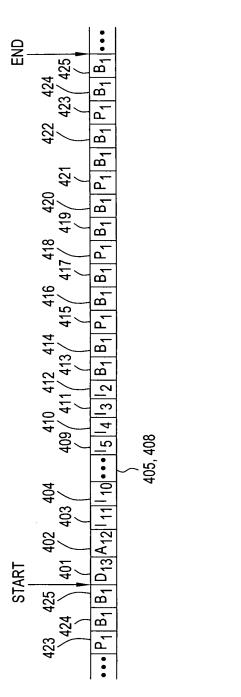


FIG. 3



4/48



9

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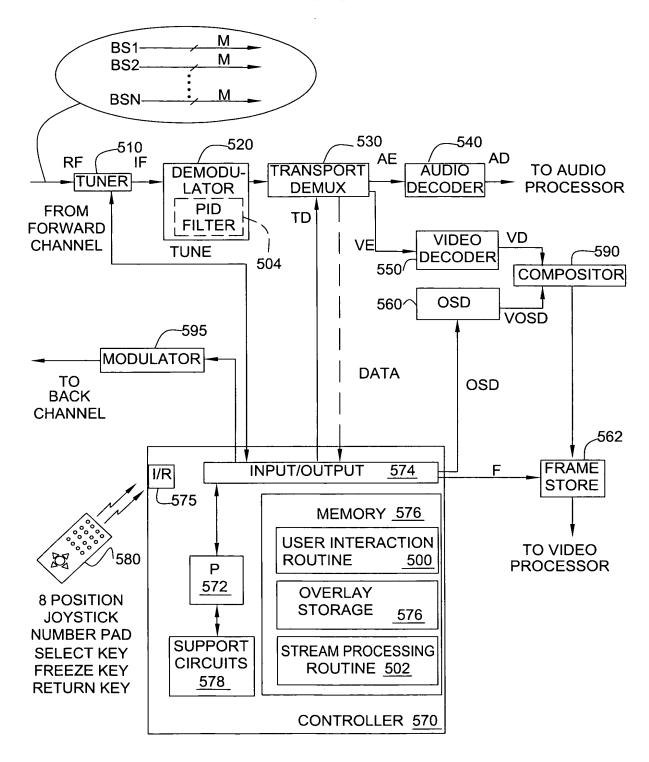


FIG. 5



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ATTORNEY: EAMON J. WALL TEL. (732) 530-9404

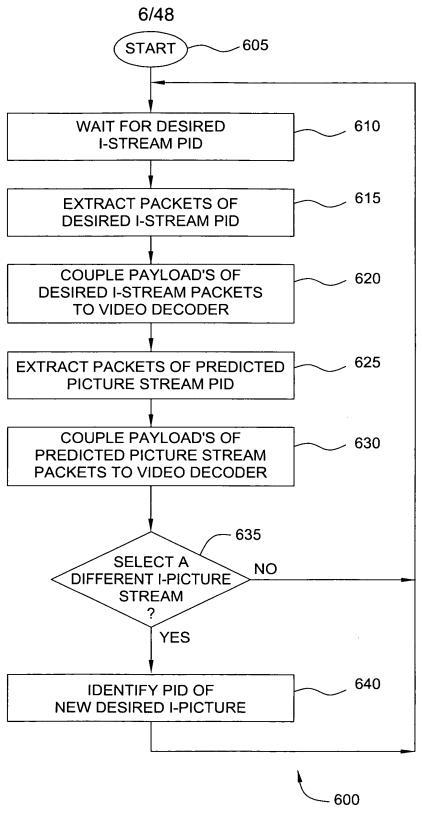


FIG. 6



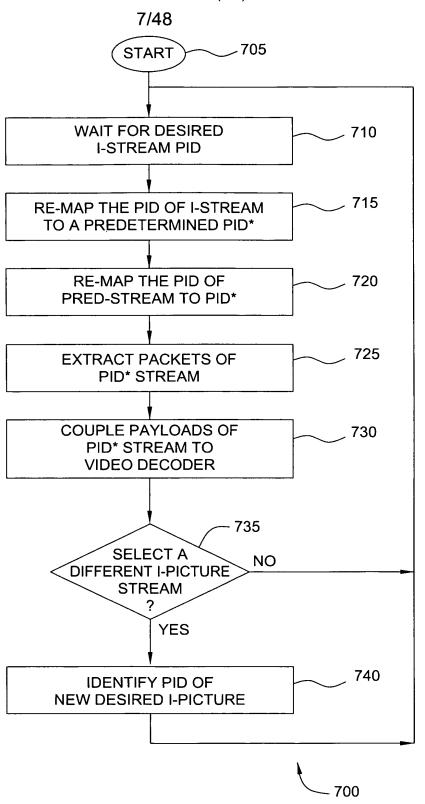
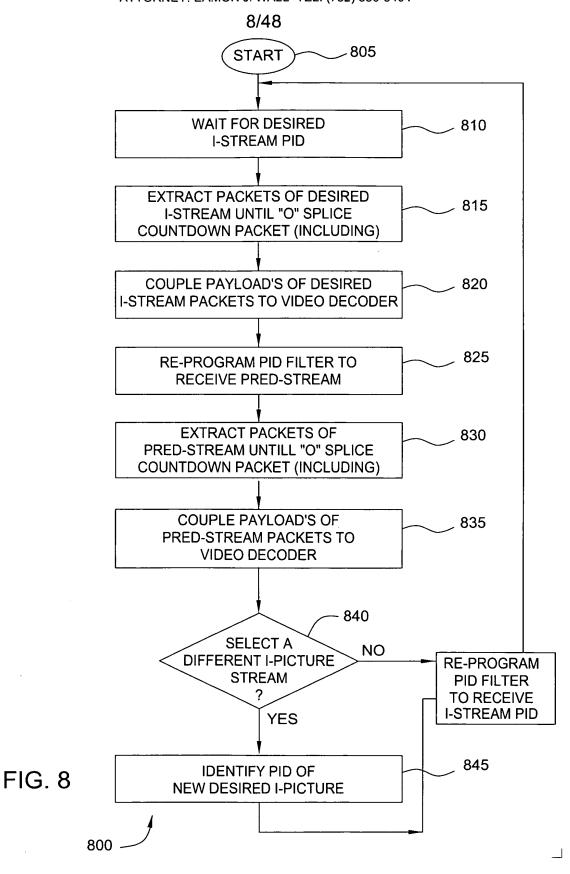


FIG. 7

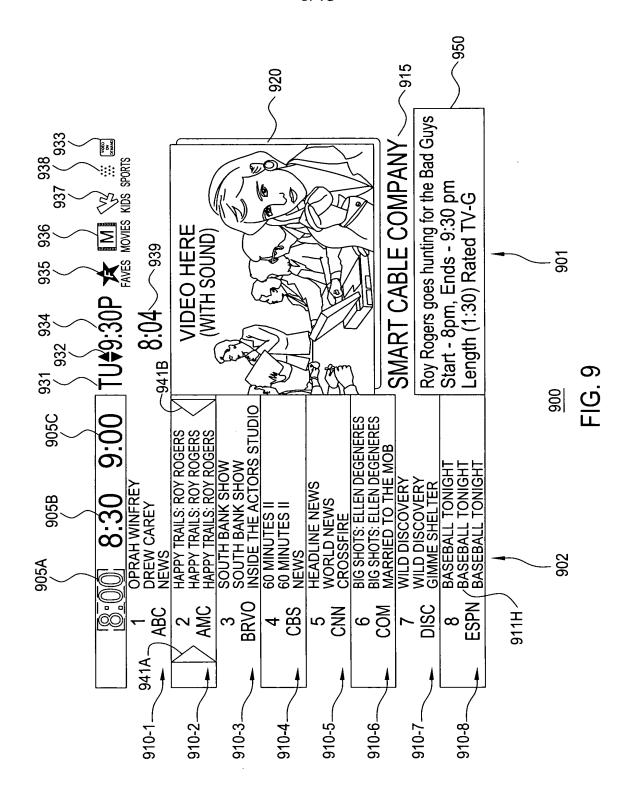






9/48

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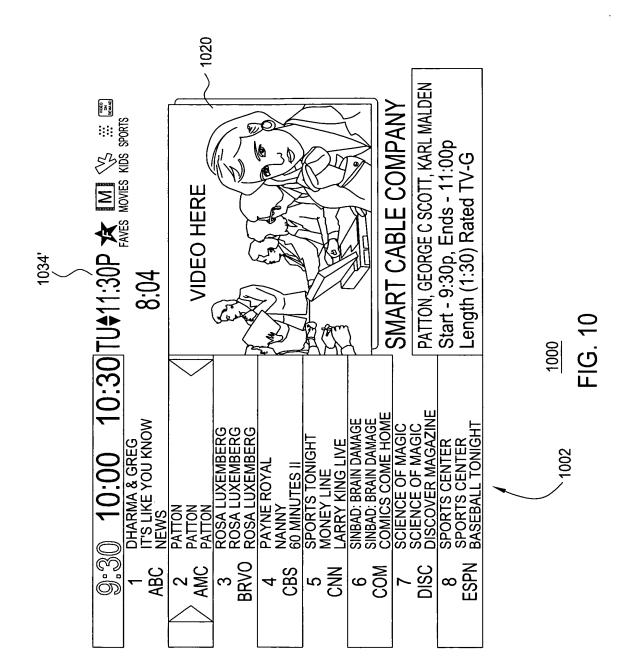
10/48

	SLICE 1 (g/S1)	SLICE 1 (V/S1)
	SLICE 2 (g/S2)	SLICE 2 (V/S2)
	•	•
900		
	SLICE N (g/SN)	SLICE N (V/SN)
	000	001
	902 —	<b>─</b> 901

FIG. 9A

 $\Box$ 







	PID1	PID2	PID3	• • •	PID10 h
V	1102 (	1132 (	1134 (		1148
11	g1 v1	g2 v1	g3 v1	• • •	g10 v1 row-1
	(1104				
12	g1 v2	g2 v2	g3 v2	• • •	g10 v2 ~ row-2
	(1106				
13	g1 v3	g2 v3	g3 v3	• • •	g10 v3 ~ row-3
	:	:	•		:
	_1130				
115	g1 v15	g2 v15	g3 v15	• • •	g10 v15 row-15
	COLUM	( I-2 COLUM	-2 COLUI	M-3	COLUM-10

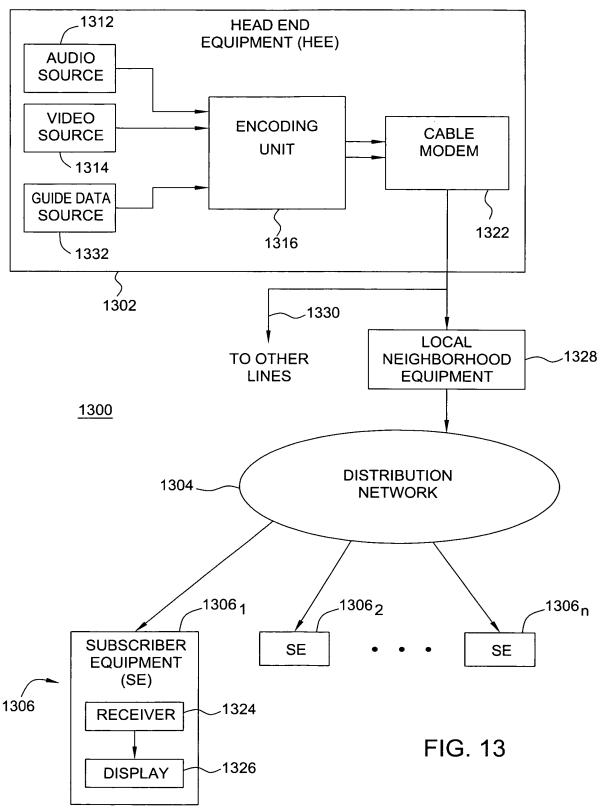
FIG. 11



		PID1	PID2	PID3		PID10 ~ h
V 11		11 (120) [g1 v1]	4 12 (120) [g2 v1]	6 13 (12) [g3 v1]		110 (1222 110 (1)
12	B1	g1 v2	g2 v2	g3 v2	•••	g10 v2
13	B1 P1	g1 v3	g2 v3	g3 v3	• • •	g10 v3
:	•		•	•		:
115	B1	g1 v15 l	g2 v15	g3 v15	•••	g10 v15

FIG. 12







15/48

<u>1316</u>

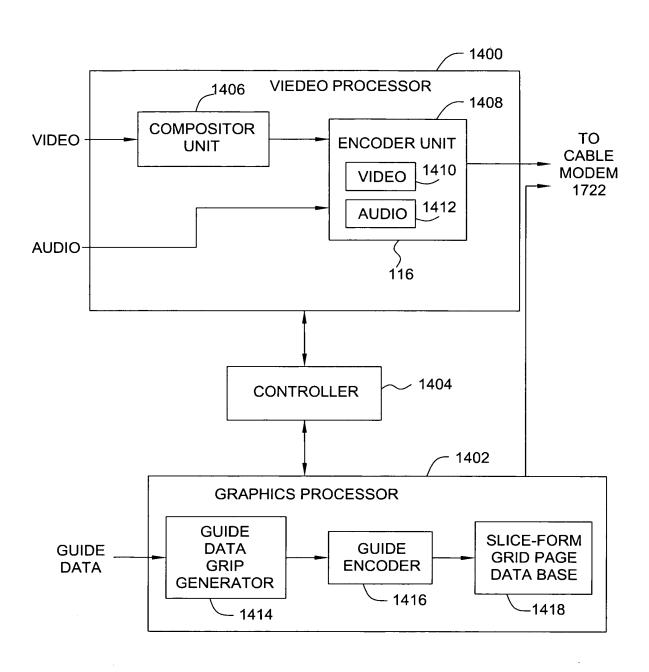


FIG. 14



16/48

1328

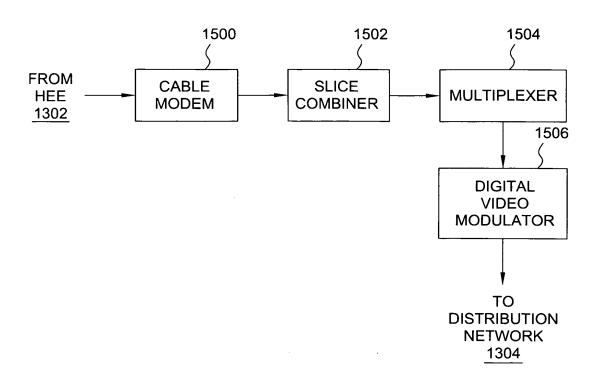


FIG. 15

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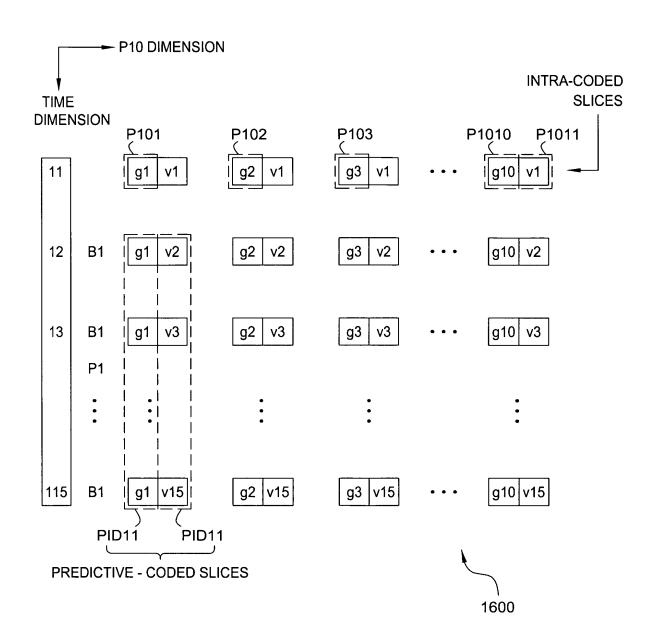
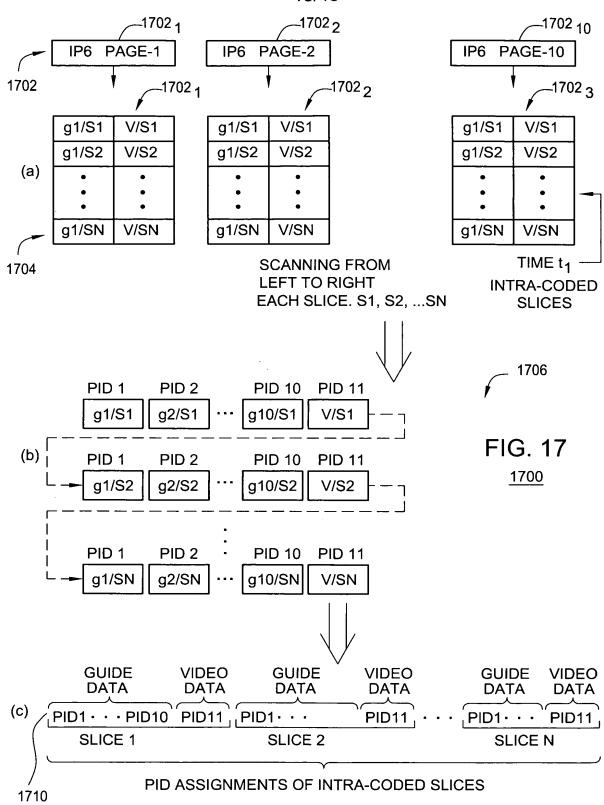
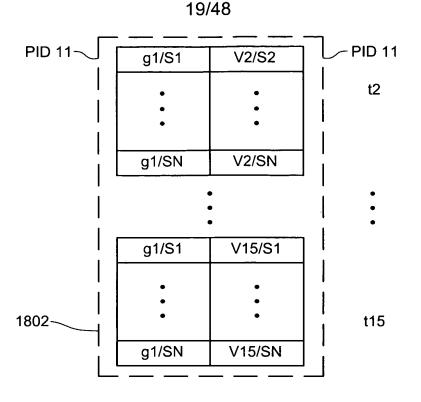


FIG. 16









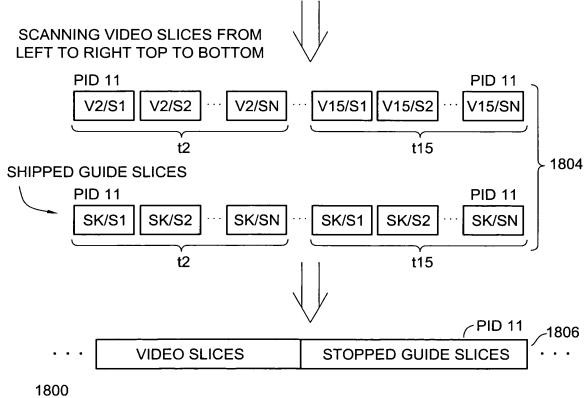
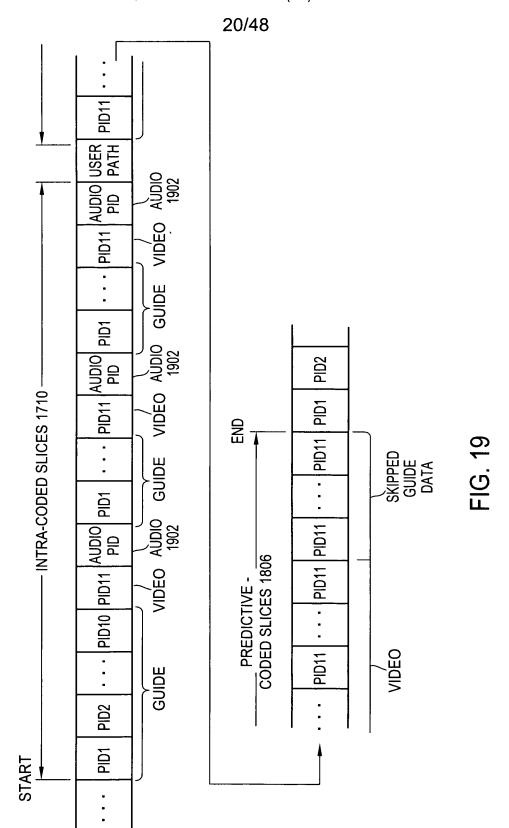


FIG. 18

1

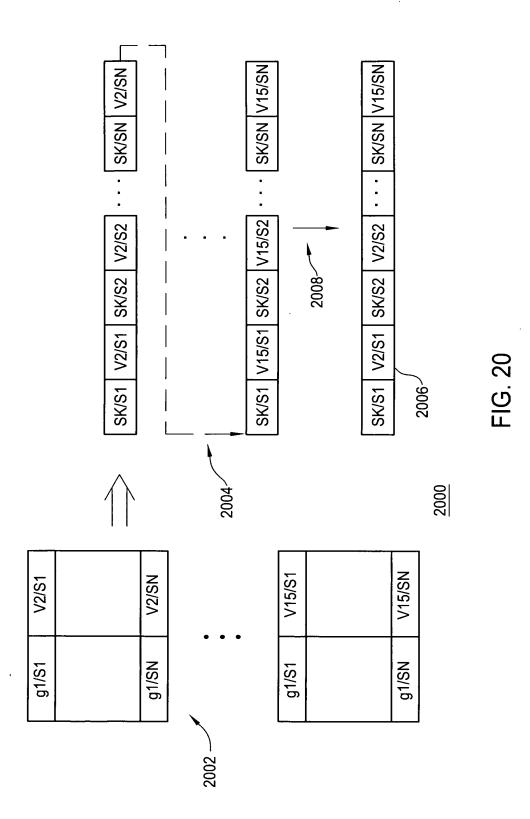


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22/48

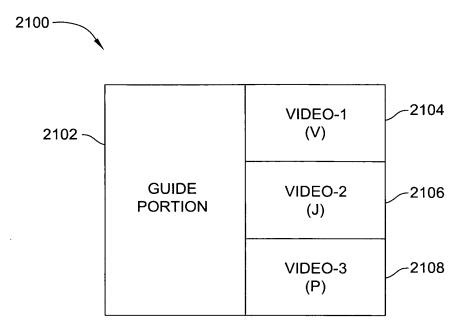


FIG. 21A

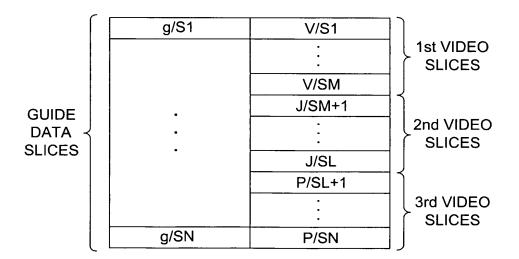


FIG. 21B

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23/48

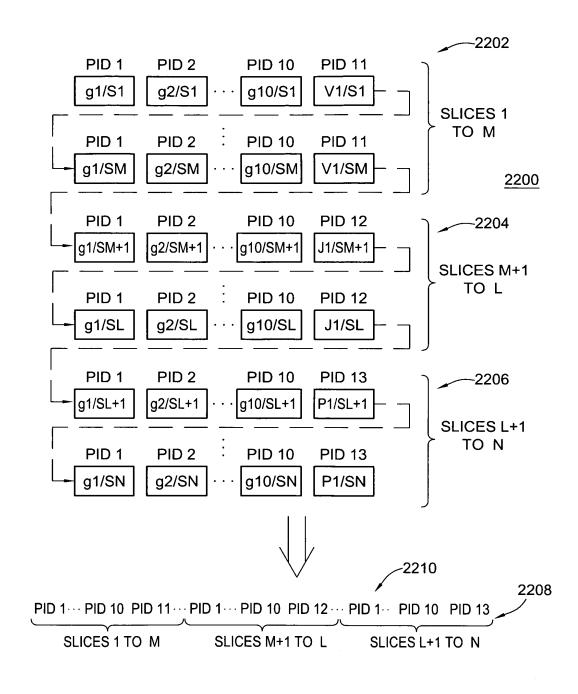


FIG. 22

 $_{\perp}$ 

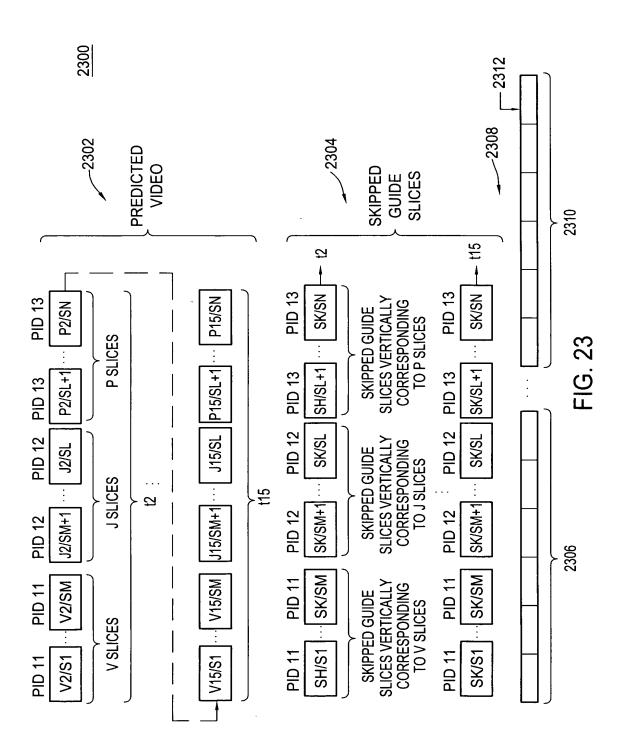


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## DONALD F. GORDON SER. NO. 09/468,173 FILED 12/10/99 ATTORNEY: EAMON J. WALL TEL. (732) 530-9404

24/48

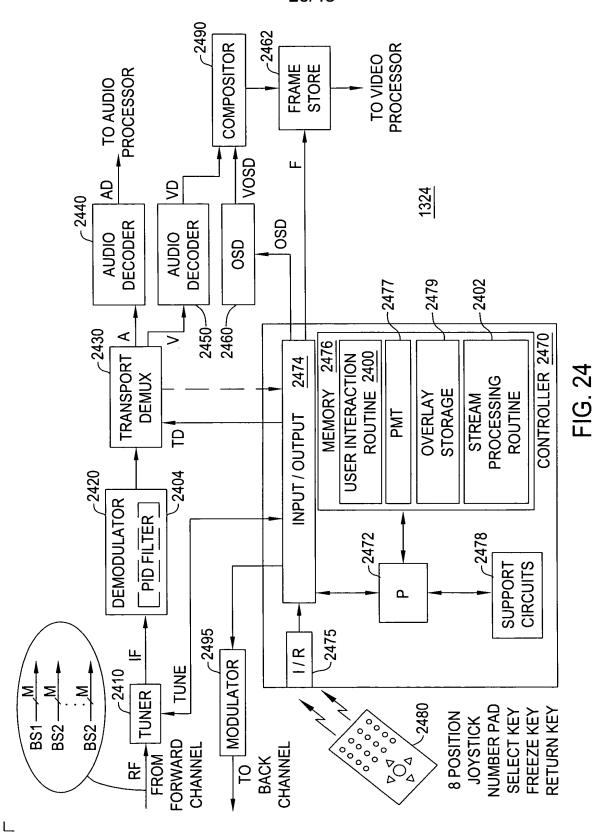
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25/48

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## 26/48

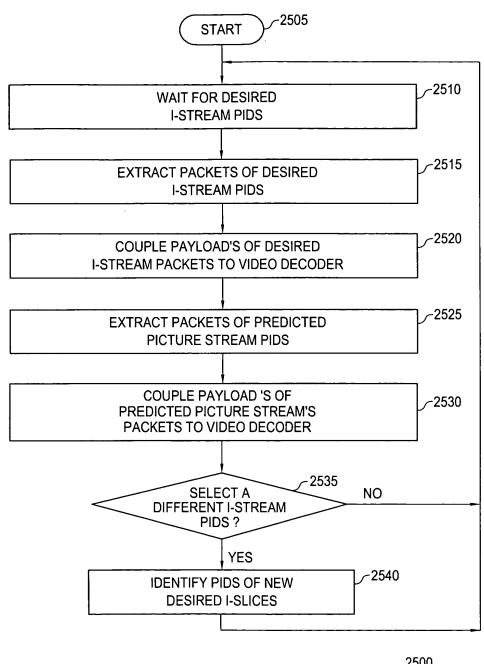


FIG. 25

<u>2500</u>



## 27/48

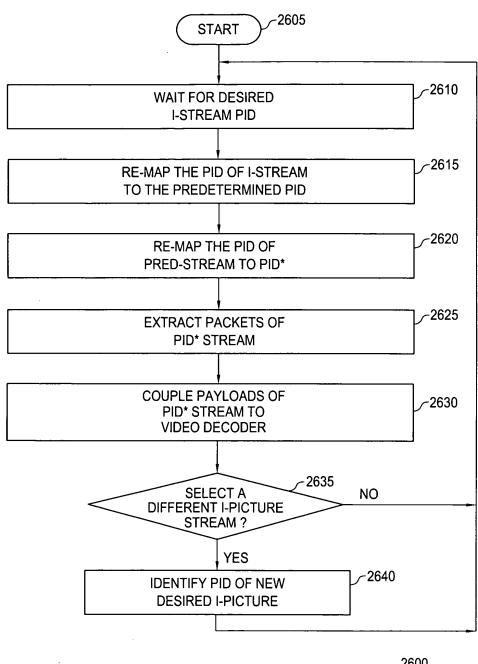


FIG. 26

<u>2600</u>



## 28/48

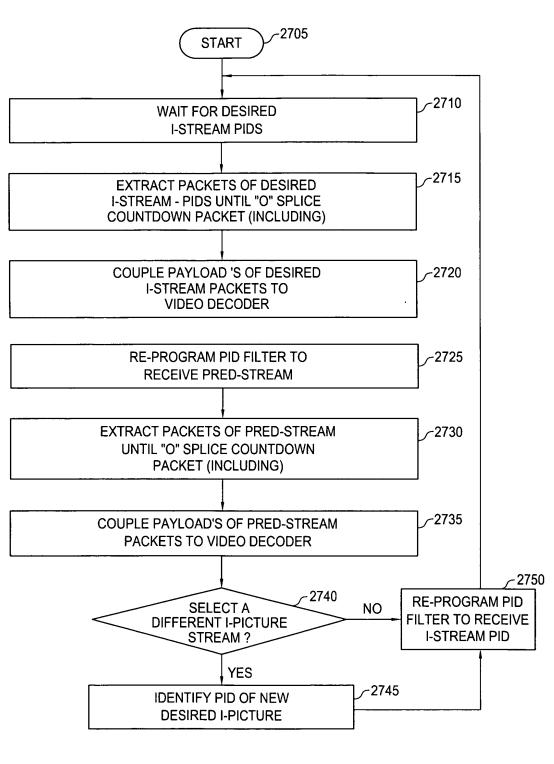
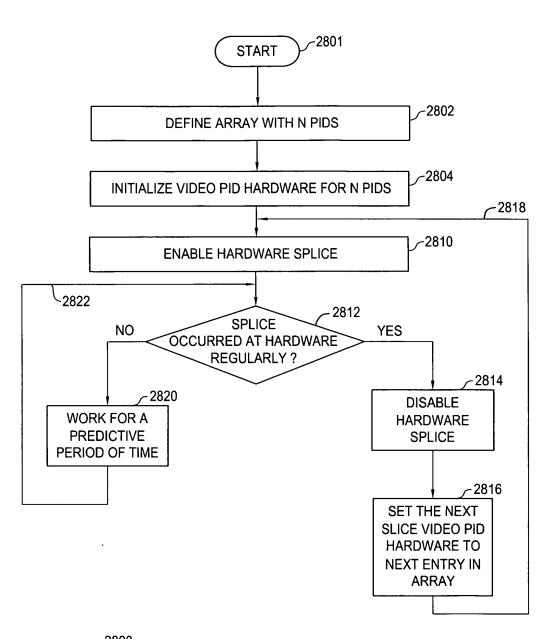


FIG. 27

2700

 $\Box$ 

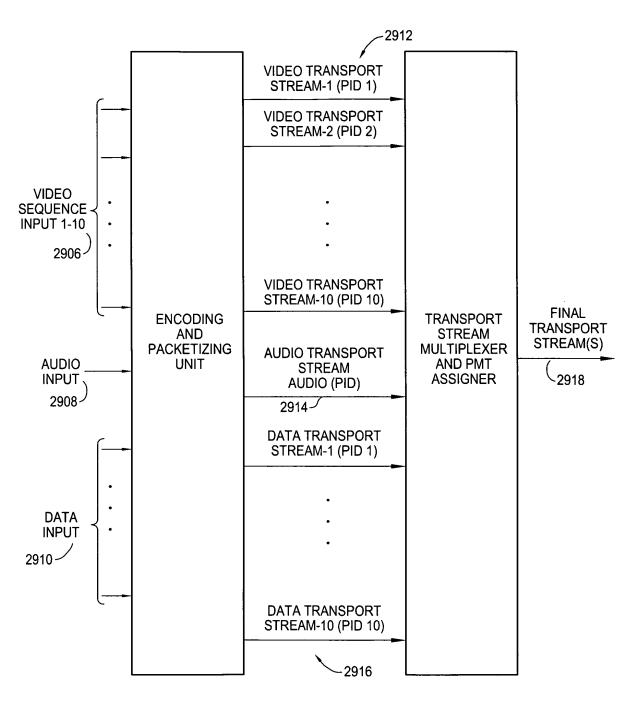




2800

FIG. 28



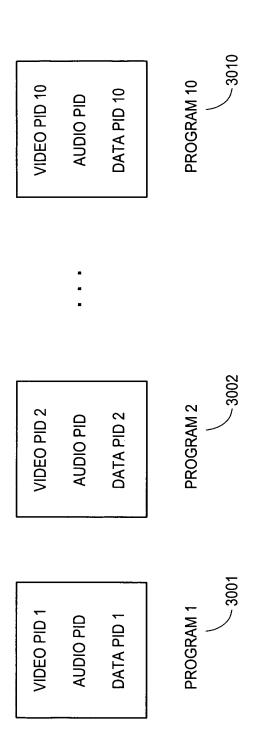


APPARATUS 2900

FIG. 29



31/48



SINGLE TRANSPORT, MULTIPLE PROGRAM PROGRAM ASSIGNMENT 3000



32/48

93102 PROGRAM

VIDEO PID 1 VIDEO PID 2

•

VIDEO PID 10

**AUDIO PID** 

DATA PID 1 DATA PID 2

.

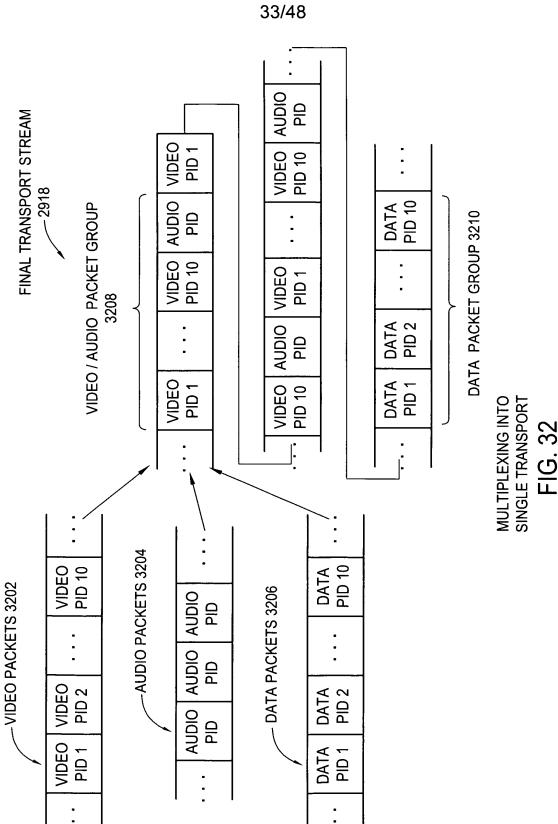
DATA PID 10

SINGLE TRANSPORT, SINGLE PROGRAM PROGRAM ASSIGNMENT 3100

FIG. 31



 $\neg$ 





34/48

DATA PID 7 DATA PID 8 DATA PID 9 DATA PID 10

DATA PID 6

TRANSPORT STREAM 1 3302

VIDEO PID VIDEO PID AUDIO PID DATA PID DATA PID DATA PID	) PID 1	) PID 2	PID 3	AUDIO PID	DATA PID 1	DATA PID 2	DATA PID 3
	VIDEC	VIDEC	VIDEC	AUD	DAT#	DATA	DATA

TRANSPORT STREAM 2 3304

TRANSPORT STREAM 3

3306

VIDEO PID 4
VIDEO PID 5
VIDEO PID 6
AUDIO PID
DATA PID 4
DATA PID 5

VIDEO PID 8 VIDEO PID 9

VIDEO PID 7

VIDEO PID 10

**AUDIO PID** 

MULTIPLE TRANSPORT ASSIGNMENT STRUCTURE 3300

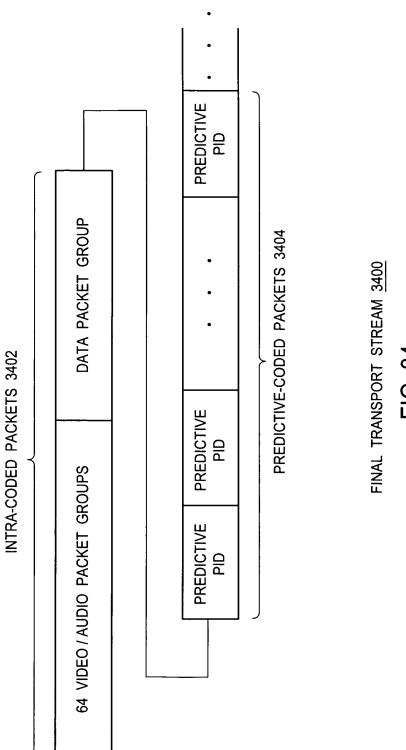
FIG. 33

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35/48



-16.34

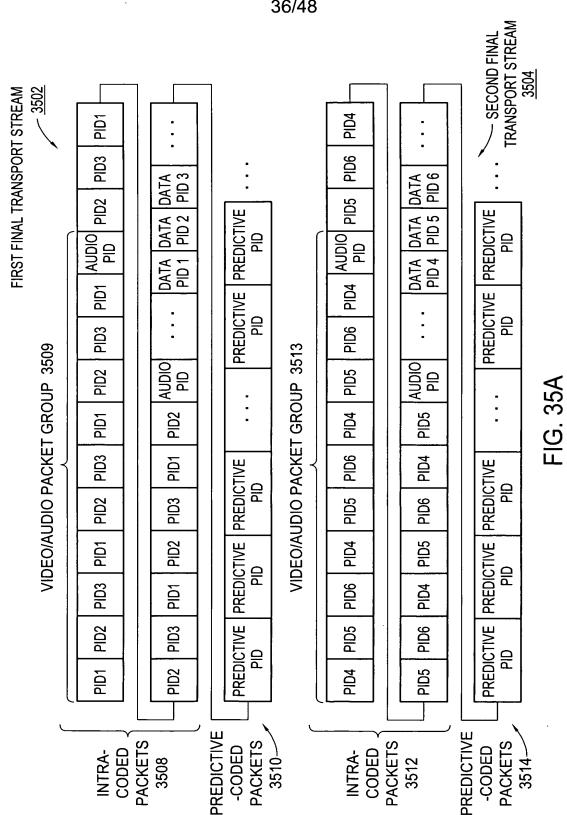
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 $\mathsf{L}$ 



36/48

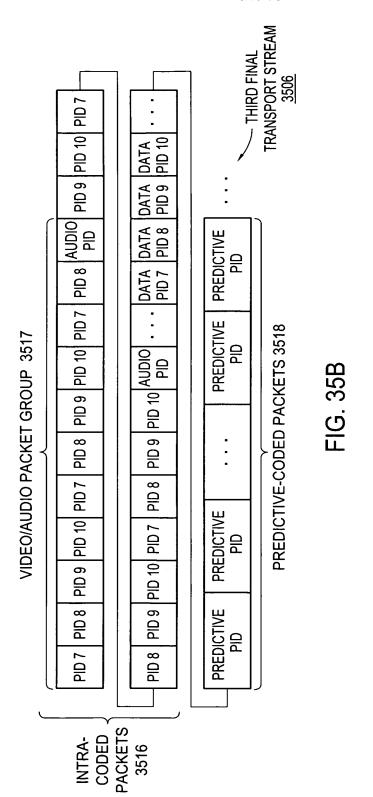
 $\neg$ 





37/48

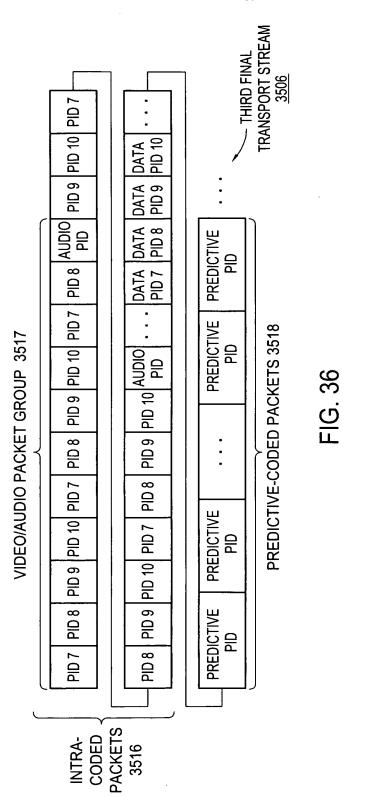
 $\neg$ 





38/48

 $\neg$ 



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39/48

SECOND TRANSPORT STREAM 3704 က 2 P FIRST TRANSPORT STREAM 7 4 밆 딢 က 吕 吕 က 2 吕 음 ~ 4 딢 吕 PID 1 က 吕

FIG. 37



40/48

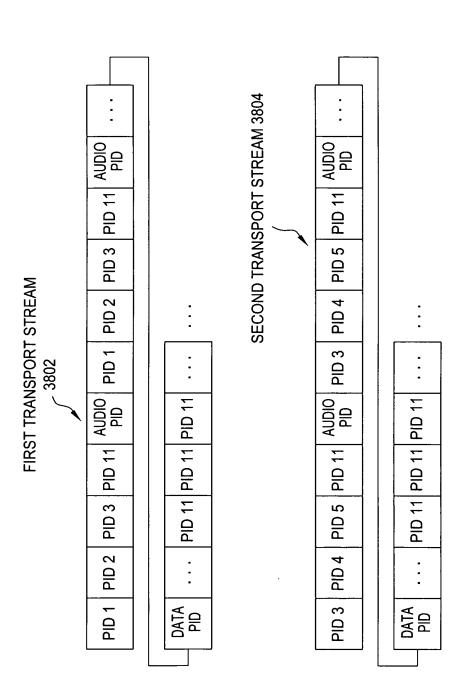
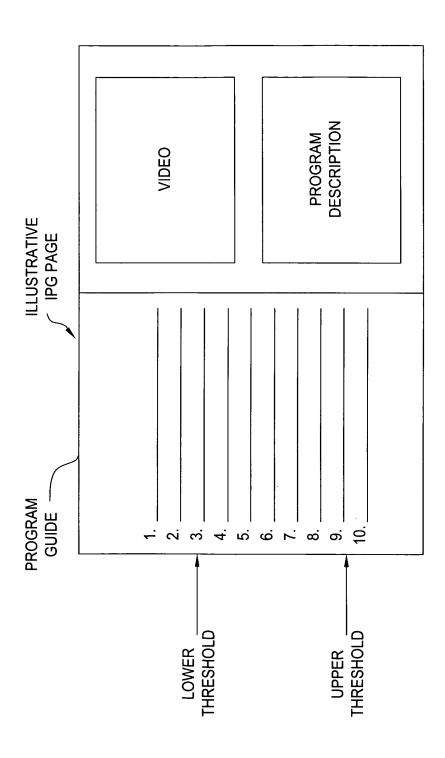


FIG 38

 $\neg$ 



41/48



-1G. 39

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42/48

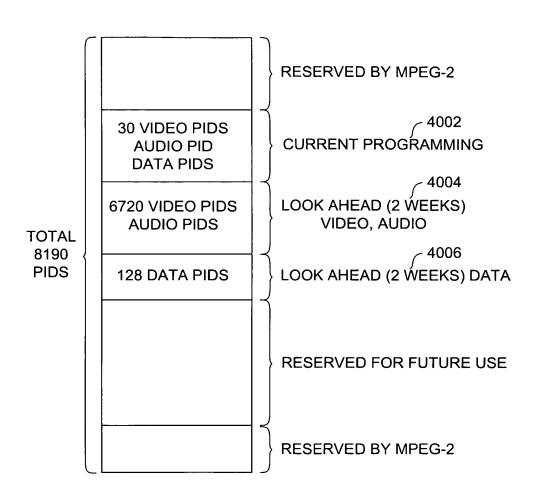
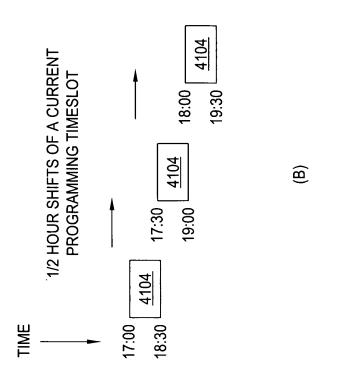


FIG. 40

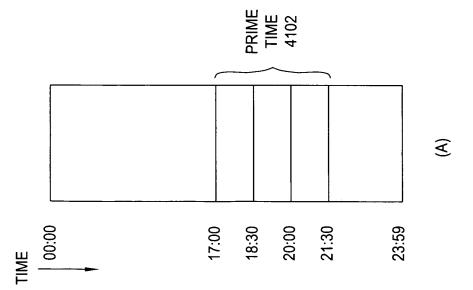


43/48





 $\neg$ 





### 44/48

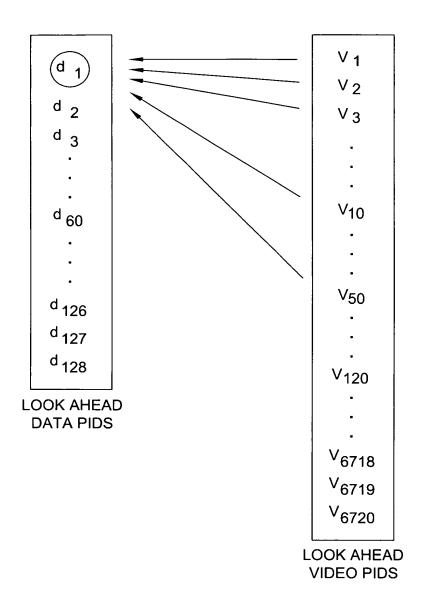
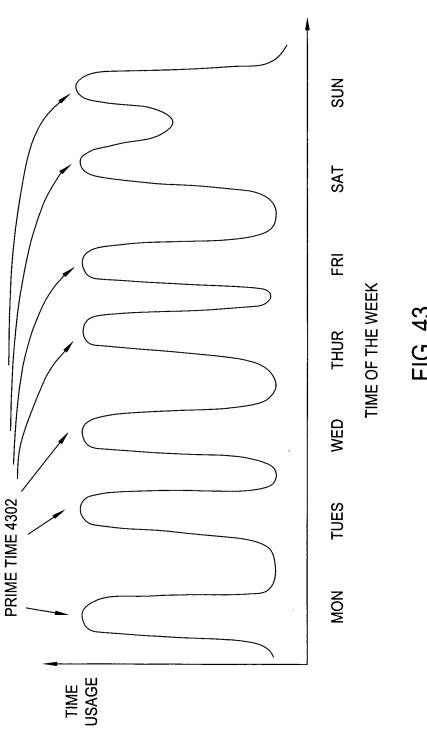


FIG. 42



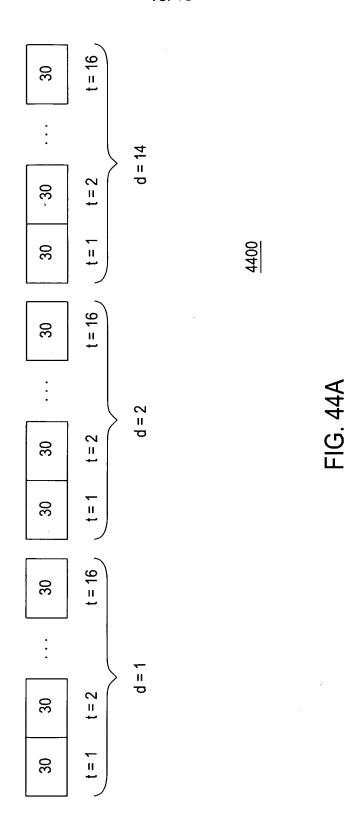
45/48



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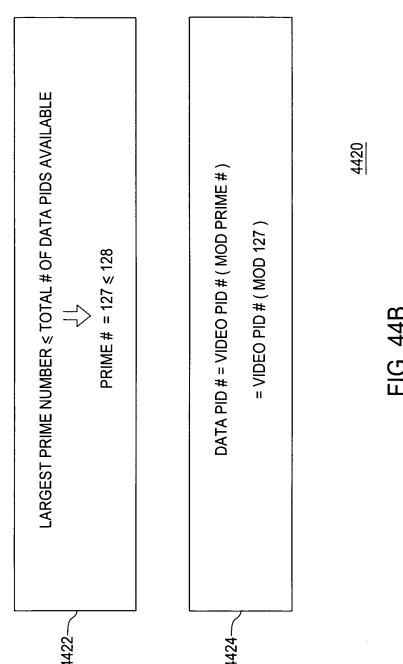


46/48





47/48





48/48

р р <u>О</u>	DATA PID 127	
• •		d = NON-PRIMETIME DATA MESSAGE
,	DATA PID 2	d = NON-PRIM
י י ס ס ס ס	DATA PID	

FIG. 44C